

Nestoron

Catalog No: tcsc0411



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

7759-35-5

Formula:

$C_{23}H_{30}O_4$

Pathway:

Others

Target:

Progesterone Receptor

Purity / Grade:

>98%

Solubility:

DMSO : 33.33 mg/mL (89.96 mM; Need ultrasonic)

Alternative Names:

Elcometrine;Nestorone;ST-1435

Observed Molecular Weight:

370.48

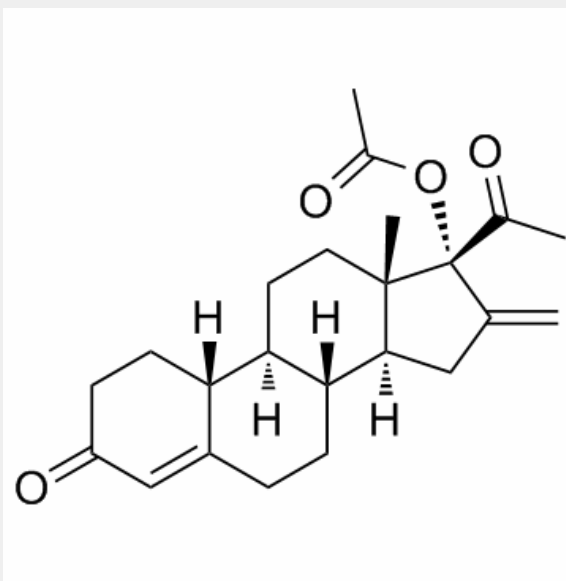
Product Description

Nestoron(ST1435; Elcometrine) is a 19-norprogesterone derivative and steroidal progestin which is used as a hormonal contraceptive; a high-affinity agonist of the progesterone receptor.

IC50 value:

Target: progesterone receptor

Nestorone acts primarily as a high-affinity agonist of the progesterone receptor. It lacks significant affinity for the androgen receptor, and accordingly, does not produce any androgenic or anabolic effects. It does not bind to the estrogen receptor either. Nestorone does however have some affinity for the glucocorticoid receptor, where it appears to act as an agonist, but it does not appear to produce any glucocorticoid side effects unless used at high doses. Nestorone does not bind to sex hormone-binding globulin, and is instead bound to serum albumin.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!